

IAP20 REG'D PCT/PTO 28 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Yutaka MURAKAMI, et al.
Application No.: New PCT National Stage Application
Filed: December 28, 2005
For: TRANSMISSION METHOD, TRANSMISSION APPARATUS AND
COMMUNICATION SYSTEM

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith. The following articles are discussed in the present application: TAROKH et al., vol. 45 at page 1, line 13, et seq., TAROKH, et al., vol. 44 at page 11, line 2, et seq. and MIYASHITA et al. at page 53, line 5 et seq. US '764 corresponds to JP '275.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

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Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: December 28, 2005

JEL/spp

ATTORNEY DOCKET NO. L9289.05195

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FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

L9289.05195

SERIAL NO.

201562555
New PCT Nat'l Stage
Application

APPLICANT

IAP201562555
Yutaka MURAKAMI, et al. **28 DEC 2005**

FILING DATE

December 28, 2005

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002 0 1 2 6 7 6 4	09/2002	Murakami et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
2000 0 1 3 2 9 2	01/2000	JP				
2002 2 0 4 2 7 5	07/2002	JP				
2003 1 6 9 0 1 0	06/2003	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PCT International Search Report dated October 19, 2004.

V. TAROKH, et al.: "Space-Time Block Codes from Orthogonal Designs," IEEE Transactions on Information Theory, Vol. 45, No. 5, pages 1456 to 1467, July, 1999.

K. MIYASHITA, et al.: "MIMO Channel ni okeru Koyu Beam Kukan Bunkatsu Taju (E-SDM) Hoshiki," The Institute of Electronics, Information and Communication Engineers Gijutsu Kenkyu Hokoku, Vol. 102, No. 86, pages 13 to 18; May 17, 2002.

V. TAROKH, et al.: "Space-Time Codes for High Data Rate Wireless Communication: Performance Criterion and Code Construction," IEEE Transactions on Information Theory, vol. 44, no. 2, March 1998, pp. 744-765.

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.